Abstract

In recent days, Android Operating System has gained top most position in mobile Operating System (OS) market share. Usage of Smartphone and tablet devices is massively increased and major portion of these devices are come up with android OS. There is a big chance that these devices may be used in committing crimes also. While doing forensic investigation of the digital devices which are involved in the crime needs special tools and techniques to seize, acquire and analysis of the android devices. This paper highlights various techniques available in the market in terms of logical acquisition, physical acquisition and analysis.

References

2. Timothy Vidas, Chengye Zhang, Nicolas Christin, “Toward a general collection
methodology for Android devices”, 2011.
10. Andri P Heriyanto,”Procedures and Tools for Acquisition and Analysis of Volatile Memory on Android smartphones”.

Index Terms
Computer Science Information Sciences

Keywords
Cyber forensics; android forensics; mobile forensics; forensics techniques; Smartphone’s